Determining Needs and Values Throughout the COVID-19 Pandemic

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COVID-19 introduced new measures of safety across the world (Brown, et. al., 2021). To reduce the contraction and spread of the virus, governments worldwide imposed lockdowns and restrictions (Brown et.al., 2021). Non-essential travel and contact with people outside of the home were also banned in response to the virus (Brown et. al., 2020). According to the CDC (2021), there are 33,877,470 recorded cases of COVID-19 and 606,526 deaths related to the virus to date. A combination of COVID-19 and the measures taken to reduce the impact of the virus led to a world crisis with economic and health repercussions (Codagnone et. al., 2021). This study aims to examine the impact COVID-19 had on people and the insight on the pandemic.

The CDC (2021) states that now at least 68.2% of adults have received at least one COVID-19 vaccination. However, restrictions worldwide have not yet been fully lifted as cases continue to emerge (CDC, 2021). The uncertainty for when lockdowns will end, and people can resume everyday life, economic expectations, and public health measures infringing on people's freedom, among other things, have become significant stressors for people (Codagnone et. al., 2021). The International Monetary Fund estimates that non-essential services closed during the pandemic, translating to a 3% drop in relevant countries' annual gross domestic product (Ferreria et al., 2021). According to Codagnone et.al., (2021),

people are experiencing negative expectations for the future and the recovery, along with fears of an economic depression, possible new outbreaks, and permanent restrictions for the future.

The overall shock exposure caused by the pandemic, including the loss of jobs, remote learning, and the lack of social contact, has led to uncertainty for the future (Codagnone et. al., 2021). Among the uncertainty caused by the pandemic, there was also a possible far-reaching psychological impact on people that remains to be understood (Liu et. al., 2020). The pandemic has led to overall experiences of anxiety, loneliness, and hopelessness across different population segments (Liu, et. al., 2020). By gaining insight into the impact of COVID-19 on people's lives, this research can shed light on how policies can be created to soften the effects of the crisis and shape the long-run recovery for the future (Codagnone et. al., 2021). This objective can be presented through the following question: What are the needs and values that remain important to participants throughout the pandemic?

Addressing these questions will help determine the best approaches to dealing with the effects of the pandemic and ultimately life-altering events. Laws and public policies have history of respecting invasive public health measures (Studdert & Hall., 2020). The measures put into place by most countries to address the pandemic have sent the world into a spiral of crisis and, because of that, a global recession as well (Ferreira et. al., 2021).

To respect civil liberties courts, insist that restrictions be as narrow as possible in their intrusiveness, scope, and duration (Studdert & Hall, 2020). Governments and health authorities must provide the general population accurate, simple, and straightforward guidelines about the pandemic and the evolution of the virus (Ferreira et. al., 2021). The findings conveyed in this study provide insight for health officials and policymakers alike to help them generate strategic plans for current and future worldwide hazards and how to provide the necessary support to people.

Method

Participants

Sixty-three participants took part in the study (21 males and 38 females). The majority of participants (54%) were aged between 25-34. Participants were (primarily) library patrons at library YY. Additional participants were obtained via an e-mail sent to friends and family members. This e-mail explained the purpose of the study and asked recipients to participate. Most participants were Hispanic or Latino (60.3%) and Caucasian (30.2%).

Materials and Procedure

An online survey was used to collect data from July 9, 2021 until July 13, 2021. The survey contained 52 questions (see Appendix A) and was divided in 5 sections: Health, Finances, Relationships, Lifestyle, and Opinions. The first section, Health, assessed psychical and mental health an example question from this section was “How would you rank your current

physical health?”. The next section examined Finances, an example question from this section was “Did your household income decrease during the COVID-19 pandemic?”. The next section examined Relationships, an example question from this section was “What relationships have been particularly helpful to you during the COVID-19 pandemic?”. The following section examines Lifestyles, an example question from this section was “Did you learn any new hobbies during the pandemic?”. The final section examined Opinions, an example question from this section was” I believe I had COVID-19 but was not tested”.

Results

This survey was conducted among diverse groups of people. Out of the 71.4% of participants who have been tested for COVID-19, 15.9% tested positive for the virus. Seventy-three percent of the participants who took this survey have been fully vaccinated, while 14.3% remain unvaccinated. When participants were asked how they would rate the impact of COVID-19 on various aspects of their lives, a large majority of their answers were predominantly no change to slightly negative change. Lifestyle and mental health were the categories that favored a higher percentage of negative change due to COVID-19. While the only aspect in which participants tended a slightly positive change was their finances at 20.6% of all participants.

Early in the survey, most did not experience negative financial outcomes, and some stated a slightly positive financial effect. Yet, their

economic outcomes remained an important factor in their mental health. Analysis revealed that for the 63 patrons surveyed, there was a significant positive relationship between the financial effects of COVID-19 and experiencing stress during the pandemic ($r = .41$, $p = .001$). As the financial effects of COVID-19 increased the feeling of stress increased as well.

When participants were asked what their greatest barrier was to engage with family members during COVID-19, many voiced concerns for potential exposure, especially for people at higher risk. Participants also expressed concerns for not being able to see family overall, including answers such as “Not being able to see them in person”, “Lockdown restriction,” and “Quarantine” as barriers. Participants in general reported that they believed the pandemic is not over yet ($M = 2.60$, $SD = 1.64$). A one-sample t test indicated that this mean value was significantly different from the midpoint (neutral) value of 4.0, $t(59) = -6.62$, $p = .000$. indicating a significant belief from participants that the pandemic is not over yet. Despite participants stating that they do not think the pandemic is over, they are now resuming normal activities once again. Participants engaged in more non-essential retail shopping before COVID-19 ($M = 1.92$, $SD = .70$) than they shop now ($M = 1.71$, $SD = .77$). This analysis only displays a slight variation of before and after the pandemic.

A paired-sample t test was conducted to determine if potentially participants thought their right to not wear a mask was more important than their belief that people should continue wearing masks in public. The

results indicated that the mean belief for people to continue wearing masks in public spaces (M = 4.57, SD = 1.90) was significantly greater than the mean for their rights to not wear a mask (M = 3.60, SD = 1.88), $t(59)$ = -2.28, p = .026. The results indicate that the mean concern for wearing a mask in public spaces is significantly greater protecting their individual right to not wear a mask in public. Participants, in general, reported believing people should continue wearing masks in public spaces *(*M = 4.57, SD = 1.90). A one-sample t-test indicated that this mean value was significantly different from the midpoint (neutral) value of 4.0, $t(59)$ = 2.31, p = .024, indicating participants preference for continuing to wear masks in public spaces.

Discussion

In this study, participants were asked questions about the impact of COVID-19 on their lives. Among their answers, most participants were not majorly affected by the pandemic. There were only a few categories where participants felt a change in their lives, including their lifestyle, mental health, and finances. Participants experience a slightly favorable change in their finances while their mental health and lifestyles changed to somewhat unfavorable. Although participants did not indicate that they experienced financial hardship due to COVID-19, they still placed a high value on their finances. The study revealed that participants linked negative financial impacts to their levels of stress. Therefore, one of the components that can affect their mental health is caused by financial stressors.

The survey also reflected that although 73% of all participants had received the COVID-19 vaccine, most still believed the pandemic was not over. The survey also found that most participants still agreed with people continuing to wear masks in indoor spaces. Overall, there was a general concern to continue being careful and precautious about the pandemic despite receiving the vaccine. Although most participants also stated their public concern for spreading the virus and the inability to see family members in person due to restrictions, it appears that people are beginning to resume normal activities that they engaged in before COVID-19.

The study suggests that people overall valued their safety as well as the safety of the people around them, despite their desires to see loved ones. Although most have been vaccinated and have started engaging in regular public activities again, they still find it important to remain precautious and take measures to prevent the spread of the virus such as wearing masks indoors. COVID-19 also did not impact participants' finances negatively overall which can correlate to only slight changes in their mental health and highlights one component in the importance of financial stability. This survey was conducted with a limited sample size, and further study is necessary to represent the entire population. The survey was also self-reported, which can present issues of reliability and subjectivity.

References

Brown, L., Mossabir, R., & Harrison, N. (2020). Life in lockdown: A telephone survey to investigate the impact of COVID-19 lockdown measures on the lives of older people (≥ 75 years). *Age and Ageing, 50*(2), 341-346. https://academic-oup-com.libproxy1.usc.edu/ageing/article/50/2/341/5970510

Center for Disease Control and Prevention. (2021). COVID-19 Data Tracker. https://covid.cdc.gov/covid-data-tracker/#datatracker-home

Codagnone, C., Bogliacino, F., & Gomez, C. (2020). Restarting "normal" life after Covid-19 and the lockdown: Evidence from Spain, the United Kingdom, and Italy. *Social Indicator Research*, 1-25. https://link-springer-com.libproxy1.usc.edu/article/10.1007/s11205-021-02697-5

Ferreira, L. N., Pereira, L. N., & Bras, M. F. (2021). Quality of life under the COVID-19 quarantine. *Quality of Life Research, 30*(5), 1389-1405. https://link-springer-com.libproxy2.usc.edu/article/10.1007/s11136-020-02724-x

Liang, L., Ren, H., & Cao, R. (2021). The effect of COVID-19 on youth mental health. *Psychiatric Quarterly, 91*(3), 841-852. https://link-springer-com.libproxy2.usc.edu/article/10.1007/s11126-020-09744-3

Studdert, D. M., & Hall M. A. (2020). Disease control, civil liberties, and mass testing- calibrating restrictions during the Covid-19 Pandemic. *The New England Journal of Medicine, 382*(2), 102-104. https://www-nejm-org.libproxy1.usc.edu/doi/10.1056/NEJMp2007637

Appendix

Covid-19 Survey

Start of Block: Overall Impact

Needs and Values During COVID-19

Q54 Thank you for agreeing to participate in our study to help us better understand how the Covid-19 pandemic has impacted people and gather insight on their opinions. Your feedback is greatly appreciated and is a valuable part of our research, so please answer the questions as honestly as possible. All survey responses are anonymous and will be compiled and reported in aggregate. None of the responses will be connected to any identifying information. Thank you for taking the time to share your feedback.

0 Continue (1)

Page Break

Q1 Overall, how did Covid-19 impact your…

	Extremely negative change (1)	Moderately negative change (2)	Slightly negative change (3)	No change (4)	Slightly positive change (5)	Moderately positive change (6)	Extremely positive change (7)
physical health? (1)	0	0	0	0	0	0	0
fitness? (2)	0	0	0	0	0	0	0
mental health? (3)	0	0	0	0	0	0	0
employment? (4)	0	0	0	0	0	0	0
finances? (5)	0	0	0	0	0	0	0
housing? (6)	0	0	0	0	0	0	0
relationships? (7)	0	0	0	0	0	0	0
family? (8)	0	0	0	0	0	0	0
education? (9)	0	0	0	0	0	0	0
lifestyle? (10)	0	0	0	0	0	0	0

End of Block: Overall Impact

Start of Block: Physical Health

Q2 How would you rank your current physical health?

	terrible (1)	poor (2)	average (3)	good (4)	excellent (5)
My current physical health is… (1)	O	O	O	O	O

Q8 The Covid-19 pandemic affected my access to…

	Strongly disagree (1)	Somewhat disagree (2)	Neither agree nor disagree (3)	Somewhat agree (4)	Strongly agree (5)
medical care. (1)	O	O	O	O	O
prescriptions/ medication. (2)	O	O	O	O	O

Q3 Have you received a Covid-19 vaccination?

O Yes, I am partially vaccinated . (1)

O Yes, I am fully vaccinated. (2)

O No, I am not vaccinated. (3)

O Prefer not to say (4)

Q4 Have you ever been tested for Covid-19?

- O Yes (1)
- O No (2)
- O Prefer not to say (3)

Q5 Have you tested positive for Covid-19?

- O Yes (1)
- O No (2)
- O Prefer not to say (3)

Display This Question:

If Have you tested positive for Covid-19? = Yes

Q9 After testing positive, how would you rate your symptoms from Covid-19?

My symptoms were... (1)	O asymptomatic (1)	O mild (2)	O moderate (3)	O severe (4)	O life threatening (5)

Display This Question:

If Have you tested positive for Covid-19? = Yes

Q6 Were you hospitalized?

- Yes (1)
- No (2)
- Prefer not to say (3)

Display This Question:

If Have you tested positive for Covid-19? = Yes

Q7 Did you develop any long term symptoms?

_____

_____

_____

_____

_____

End of Block: Physical Health

Start of Block: Fitness

Q10 How often did/do you…

	Daily (1)	4-6 times a week (2)	2-3 times a week (3)	Once a week (4)	Never (5)
engage in physical activity before Covid-19. (1)	O	O	O	O	O
engage in physical activity during Covid-19 lock-downs/restrictions. (2)	O	O	O	O	O
engage in physical activity now. (3)	O	O	O	O	O
go to the gym before Covid-19. (4)	O	O	O	O	O
go to the gym upon reopening after lock-downs/restrictions. (5)	O	O	O	O	O

Q11 I completely stopped working out during the Covid-19 pandemic.

O Yes (1)

O No (2)

O Prefer to not say (3)

Q12 I started working out during the Covid-19 pandemic.

- Yes (1)
- No (2)
- Prefer to not say (3)

Q13 Please rate the following statement:

	Strongly disagree (1)	Somewhat disagree (2)	Neither agree nor disagree (3)	Somewhat agree (4)	Strongly agree (5)
I feel safe returning to the gym. (1)					

End of Block: Fitness

Start of Block: Mental Health

Q14 How would you rate your current mental health?

	terrible (1)	poor (2)	average (3)	good (4)	excellent (5)
My current mental health is... (1)					

Q15 Please rate the following statements:

	Strongly disagree (1)	Somewhat disagree (2)	Neither agree nor disagree (3)	Somewhat agree (4)	Strongly agree (5)
During the Covid-19 pandemic I experienced feelings of stress. (1)	O	O	O	O	O
During the Covid-19 pandemic I experienced symptoms of anxiety. (2)	O	O	O	O	O
During the Covid-19 pandemic I experienced symptoms of depression. (3)	O	O	O	O	O

Q16 Please answer the following questions about your mental health care.

	No/ Never (1)	A few times (2)	Monthly (3)	Bi-monthly (4)	Weekly (5)	2-6 times weekly (6)	Daily (7)
How often did you access mental health services prior to the Covid-19 pandemic? (1)	O	O	O	O	O	O	O
Did you begin accessing mental health services during Covid-19? (2)	O	O	O	O	O	O	O
Are you still using mental health services now? (3)	O	O	O	O	O	O	O

End of Block: Mental Health

Start of Block: Employment

Q17 Please answer the following questions about your employment.

	Yes (1)	No (2)	Prefer not to say (3)	Not Applicable (4)
Are you currently employed? (1)	O	O	O	O
Did you loose your job due to the Covid-19 pandemic? (2)	O	O	O	O
Did you have to miss work due to testing positive for Covid? (3)	O	O	O	O
Have you returned to work? (4)	O	O	O	O
Did your job ask you to work remotely? (5)	O	O	O	O
If you have been working from home, would you prefer to continue doing so? (6)	O	O	O	O
Were you furloughed? (7)	O	O	O	O
Do you feel safe returning to work? (8)	O	O	O	O

Display This Question:

If Please answer the following questions about your employment. = Were you furloughed? [Yes]

Q18 How long were you furloughed for?

_____

Display This Question:

If Please answer the following questions about your employment. = Are you currently employed? [Yes]

Q19 Please rate the following statement:

	Strongly disagree (1)	Somewhat disagree (2)	Neither agree nor disagree (3)	Somewhat agree (4)	Strongly agree (5)
I feel safe at work. (1)	O	O	O	O	O

End of Block: Employment

Start of Block: Finances

Q21 What is your yearly household income level?

	Under $29,999 (1)	$30,000 - $49,999 (2)	$50,000 - $79,999 (3)	$80,000 - $119,999 (4)	$120,000 - $149,999 (5)	More than $150,000 (6)
My yearly household income level is... (1)	O	O	O	O	O	O

Q22 Did your household income decrease during the Covid-19 pandemic?

- O Yes (1)
- O No (2)
- O Prefer not to say (3)

Q23 Please rate the following statements:

	Strongly disagree (1)	Somewhat disagree (2)	Neither agree nor disagree (3)	Somewhat agree (4)	Strongly agree (5)
I believe the Covid-19 pandemic affected my finances. (1)	O	O	O	O	O
The stimulus provided enough relief for my situation. (2)	O	O	O	O	O

End of Block: Finances

Start of Block: Housing

Q23 Please answer the following questions about housing.

	Yes (1)	No (2)	Prefer not to say (3)	Not Applicable (4)
Was there ever a time during the pandemic where you were unable to make a rent/mortgage payment? (1)	0	0	0	0
Did you use government assistance to continue making rent/mortgage payments? (2)	0	0	0	0
Did you move during the pandemic? (3)	0	0	0	0
Did you sell your house? (4)	0	0	0	0
Were you homeless due to the pandemic? (5)	0	0	0	0
Did someone move in with you during the pandemic? (6)	0	0	0	0

End of Block: Housing

Start of Block: Relationships

Q24 Please answer the following questions about your relationship status. (Select all that apply.)

	Married (1)	Widowed (2)	Divorced (3)	Separated (4)	Single (5)	In a Relationship (6)
What is your current relationship status? (1)	☐	☐	☐	☐	☐	☐
What was your relationship status before the Covid-19 pandemic? (2)	☐	☐	☐	☐	☐	☐

Q25 How often did/do you…

	Never (1)	A few times through out the year (2)	Once a month (3)	A few times per month (4)	Once a week (5)	Multiple times per week (6)	Daily (7)
talk to loved ones before Covid-19? (1)	0	0	0	0	0	0	0
talk to loved ones during Covid-19 lock-downs/restrictions? (2)	0	0	0	0	0	0	0
visit loved ones before Covid-19? (3)	0	0	0	0	0	0	0
visit loved ones after Covid-19 lock-down/restrictions? (4)	0	0	0	0	0	0	0

Q26 Please rate the following statements:

	Strongly disagree (1)	Somewhat disagree (2)	Neither agree nor disagree (3)	Somewhat agree (4)	Strongly agree (5)
The stay-at-home orders prevented me from visiting with loved ones. (1)	O	O	O	O	O
Covid affected my ability to socialize. (2)	O	O	O	O	O
I use technology to connect with loved ones more since the Covid-19 pandemic. (3)	O	O	O	O	O

Q27 Did you lose a loved one due to Covid-19?

O Yes (1)

O No (2)

O Prefer to not say (3)

Q28 How did Covid-19 impact your sex life?

	Extremely positive change (1)	Moderately positive change (2)	Slightly positive change (3)	No change (4)	Slightly negative change (5)	Moderately negative change (6)	Extremely negative change (7)
Overall my sex life experienced a/an (1)	0	0	0	0	0	0	0

Q29 When was the last time you had physical contact with a person (including a friendly hug or kiss)?

_____

Page Break

Q34 What relationships have been particularly helpful to you during the Covid-19 pandemic?

_____

_____

_____

_____

_____

Q35 What made them valuable to you?

_____

_____

_____

_____

_____

Q36 Were these new or existing relationships

- O New (1)
- O Existing (2)
- O Mix of both (3)

End of Block: Relationships

Start of Block: Family

Q30 How would you rate your…

	Terrible (1)	Poor (2)	Average (3)	Good (4)	Excellent (5)
communication with immediate family members before the Covid-19 pandemic? (1)	O	O	O	O	O
communication with immediate family members during the Covid-19 restrictions/lock-downs? (2)	O	O	O	O	O
communication with immediate family members now? (3)	O	O	O	O	O
communication with extended family members before the Covid-19 pandemic? (4)	O	O	O	O	O

communication with extended family members during the Covid-19 restrictions/lock-downs? (5)	0	0	0	0	0
communication with extended family members now? (6)	0	0	0	0	0

Q31 Please rate the following statements:

	Strongly agree (1)	Somewhat agree (2)	Neither agree nor disagree (3)	Somewhat disagree (4)	Strongly disagree (5)
I feel comfortable being around people who live in my immediate household. (1)	0	0	0	0	0
I feel comfortable being around people who do not live in my immediate household. (2)	0	0	0	0	0

Q32 Do you have children?

0 Yes (1)

0 No (2)

Display This Question:

If Do you have children? = Yes

Q37 If you use childcare, please rate the following statement:

	Extremely negative change (1)	Moderately negative change (2)	Slightly negative change (3)	No change (4)	Slightly positive change (5)	Moderately positive change (6)	Extremely positive change (7)
The Covid-19 pandemic impacted my access to childcare. (1)	O	O	O	O	O	O	O

Q38 What have been the greatest barriers to engaging with family during the Covid-19 pandemic?

_____

_____

_____

_____

_____

End of Block: Family

Start of Block: Education

Q39 Did you decide to further your education during the Covid-19 pandemic?

- Yes (1)
- No (2)

Display This Question:

If Did you decide to further your education during the Covid-19 pandemic? = Yes

Q40 Please rate the following statements:

	Strongly agree (1)	Somewhat agree (2)	Neither agree nor disagree (3)	Somewhat disagree (4)	Strongly disagree (5)
I enjoyed taking virtual courses. (1)	O	O	O	O	O
I prefer to continue virtual classes. (2)	O	O	O	O	O
I prefer to go back to campus. (3)	O	O	O	O	O
I needed to purchase/borrow technology to take virtual classes. (4)	O	O	O	O	O
I struggled learning virtually. (5)	O	O	O	O	O
I did not get the support I needed while learning virtually. (6)	O	O	O	O	O
I feel safe returning to campus. (7)	O	O	O	O	O

End of Block: Education

Start of Block: Lifestyle

Q41 Prior to the Covid-19 pandemic, on average how many times a week were you engaged in the following activities?

	0 times per week (1)	1-2 times per week (2)	3-4 times per week (3)	5+ times per week (4)
Indoor restaurant dining (1)	0	0	0	0
Outdoor restaurant dining (2)	0	0	0	0
Retail shopping (non-essential) (3)	0	0	0	0

Q42 How many times have you engaged in the following activities this past week?

	0 times per week (1)	1-2 times per week (2)	3-4 times per week (3)	5+ times per week (4)
Indoor restaurant dining (1)	0	0	0	0
Outdoor restaurant dining (2)	0	0	0	0
Retail shopping (non-essential) (3)	0	0	0	0

Q43 Please rate the following statements:

	Strongly disagree (1)	Somewhat disagree (2)	Neither agree nor disagree (3)	Somewhat agree (4)	Strongly agree (5)
Since the start of Covid-19-19 I have increased my use of social media. (1)	O	O	O	O	O
I used social media to stay in touch with friends and family during the pandemic. (2)	O	O	O	O	O

Q44 Did you learn any new hobbies during the pandemic?

O Yes (1)

O No (2)

Display This Question:

If Did you learn any new hobbies during the pandemic? = Yes

Q45 What new hobbies did you learn?

_____

Q46 My use of...

	Decreased (1)	Stayed the same (2)	Increased (3)
Delivery services (1)	0	0	0
Curb-side pick up (2)	0	0	0
Online shopping (3)	0	0	0
In store shopping (4)	0	0	0

End of Block: Lifestyle

Start of Block: Opinions

Q47 I believe I had Covid-19, but was not tested.

0 Yes (1)

0 No (2)

0 Prefer not to say (3)

Q48 Please rate the following statements:

	Strongly disagree (1)	Disagree (2)	Somewhat disagree (3)	Neither agree nor disagree (4)	Somewhat agree (5)	Agree (6)	Strongly agree (7)
I believe people should continue wearing masks in public spaces. (1)	O	O	O	O	O	O	O
I believe that children (2 years and older) should wear masks in public. (2)	O	O	O	O	O	O	O
I think that unvaccinated people should be required to wear masks. (3)	O	O	O	O	O	O	O
I think it is my right to not wear a mask. (4)	O	O	O	O	O	O	O
I think that masks are effective in preventing the spread of viruses. (5)	O	O	O	O	O	O	O

I believe that children are safe from Covid-19. (6)	O	O	O	O	O	O	O
Local safety regulations made me feel safe throughout the pandemic. (7)	O	O	O	O	O	O	O
I am concerned about getting sick from Covid-19 (8)	O	O	O	O	O	O	O
I am concerned about a loved one getting sick from Covid-19. (9)	O	O	O	O	O	O	O
I feel safe in public indoor spaces. (10)	O	O	O	O	O	O	O
I avoid large crowds. (11)	O	O	O	O	O	O	O
I believe the stay-at-home orders were	O	O	O	O	O	O	O

successful. (12)							
I think that the stay-at-home orders were too strict. (13)	0	0	0	0	0	0	0
I believe the vaccine is safe. (14)	0	0	0	0	0	0	0
I believe the vaccine should be mandatory for students to return to school. (15)	0	0	0	0	0	0	0
I have researched to from my opinions on Covid-19. (16)	0	0	0	0	0	0	0
The stay-at-home orders made me feel uncomfortable in public. (17)	0	0	0	0	0	0	0
Now that the stay-at-home orders have been lifted, I feel comfortable in public. (18)	0	0	0	0	0	0	0

I believe the pandemic is over. (19)	O	O	O	O	O	O	O

Q49 Throughout the pandemic, where have you gathered information on the virus, safety protocols, vaccination, and other topics related to the pandemic from? Please select all that apply and list the specific source types.

- ☐ Televised news (1) _____
- ☐ Online news publications (2) _____
- ☐ Printed news publications (3) _____
- ☐ Audio publications (4) _____
- ☐ Government organizations (CDC, local government) (5) _____
- ☐ Scholarly publications (6) _____
- ☐ Professional opinions (7) _____
- ☐ Social media (8) _____
- ☐ Friends/Family (9)
- ☐ Other (10) _____

End of Block: Opinions

Start of Block: Demographics

Q50 How old are you?

	Under 18 (1)	18 - 24 (2)	25 - 34 (3)	35 - 44 (4)	45 - 54 (5)	55 - 64 (6)	65 - 74 (7)	75 - 84 (8)	85 or older (9)
I am... (1)	O	O	O	O	O	O	O	O	O

Q51 What gender do you identify with?

	Male (1)	Female (2)	Non-binary / third gender (3)	Prefer not to say (4)
I am... (1)	O	O	O	O

Q53 What is your ethnicity?

	White (1)	Black or African American (2)	American Indian or Alaska Native (3)	Asian (4)	Native Hawaiian or Pacific Islander (5)	Hispanic or Latino (6)	Other (7)
I am... (1)	☐	☐	☐	☐	☐	☐	☐

Q52 What is your highest level of education?

	Less than high school (1)	High school graduate (2)	Some college (3)	2 year degree (4)	4 year degree (5)	Professional degree (6)	Doctorate (7)
Currently (1)	O	O	O	O	O	O	O

End of Block: Demographics